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GEORGIA LNP Framework

	Attribute	Description	Weight	
	GA PSC Workshop 10/9/95			
	1. End User Impacts		1	SCORE
GA	A. Toll Indicator	Does your solution support an alert to end users to indicate they have initiated a toll call. This alert may be a tone or brief "announcement". If provided, what service interactions may result (e.g., with Call Waiting, Voice Messaging Service, etc.)		
	B. Call Redirection Transparency	Customer will perceive no difference when a number is ported		
	C. Ubiquity	Portability available to all wireline customers within selected service area		
GA	D. Directory Listing	Describe the provision of mechanized directory information		
GA	E. Repair	Does this solution support either 611 or separate repair numbers?		
	F. Number Change Required	No number change should be required.		
	G. Calls Requiring Intercept Treatment	Centralized intercept systems shall receive proper public number for announcement or operator routing		
GA	H. Non-ported Customer	Describe impact to non-ported customers.		
		Desirable Items Sub Total		
	2. Triggering			
	A. Originating	Solution shall be capable of performing DB dip from originating office (within NP service area)		
	B. N-1	Solution shall be capable of performing DB dip from N-1 office		
	C. Terminating	Solution shall be capable of performing DB Dip from terminating office		
GA	D. AIN	Not applicable		
GA	E. IN	Not applicable		
	F. AIN Triggers			

GA - Georgia Addition or change. Sections 1 - 17 and 23 - 25 are based on IL Framework of 9/08/95. Sections 18 - 22 are based on CA Framework of 9/25/95

GEORGIA LNP Framework

	Attribute	Description	Weight	SCORE
	2. Triggering (cont'd)			
	1. Originating DIP	AIN trigger is used to launch database queries at the originating switch		
	a. Existing	Are existing AIN triggers sufficient?		
	b. New	Are new AIN triggers required? If so, describe		
	2. N-1 DIP	AIN trigger used to launch queries at N-1 switch		
	a. Existing	Are existing AIN triggers sufficient?		
	b. New	Are new AIN triggers required? If so, describe		
	3. Terminating, DIP	AIN trigger used to launch queries at terminating switch		
	a. Existing	Are existing AIN triggers sufficient?		
	b. New	Are new AIN triggers required? If so, describe		
GA	4. Lookahead/Release to Pivot	Is a Lookahead or Release to Pivot capabilities supported? If so, describe.		
	G. IN Triggers			
	1. Originating DIP	IN trigger is used to launch database queries at the originating switch		
	a. Existing	Are existing IN triggers sufficient?		
	b. New	Are new IN triggers required? If so, describe		
	2. N-1 DIP	IN trigger used to launch database queries at N-1 Switch		
	a. Existing	Are existing IN triggers sufficient?		
	b. New	Are new IN triggers required? If so, describe		
	3. Terminating, DIP	IN trigger used to launch database queries at the terminating switch		
	a. Existing	Are existing IN triggers sufficient?		
	b. New	Are new IN triggers required? If so, describe		
GA	4. Lookahead/Release to Pivot	Is Lookahead or a Release to Pivot capability supported? If so, describe		

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GEORGIA LNP Framework

Attribute		Description	Weight	
		Desirable Items Sub Total		
	3. Routing			SCORE
	A. Tandem Interconnection	Capability to interface ALEC or LEC LEOs to tandem switches		
GA	B. LEC-LEC	For normal operations, solution should not require that calls be routed through another LEC's network to complete calls		
	C. Non-LNP Networks	Solution provides interface to Non-LNP capable networks - e.g. Small LECOs Wireless, PCS		
	D. EO & TDM Routing XLTNS Impact	State impact on switch tables/translations. For example, routing on PCS additional or multiple digit combinations, - trunk class screening or the use of 1XX as a pseudo-code Describe requirements for opening NXXs for ported to, ported from and non-participating switches. Switches have limitations on how many NXXs can be opened.		
	E. Calls to DID Numbers	The proper called number must be forwarded to the PBX or Centrex trunks and Primary Rate ISDN trunks		
GA	~~F. Trunk - Trunk Switching~~	Not applicable.		
GA	G. Reciprocity/Ambiguity	For a call to ported number, once a successful database query has been performed, the network doing the database query always has sufficient information to unambiguously route the call to the terminating end office serving that ported customer, whether the number has been ported from an incumbent LEC to a new LEC or from a new LEC to an incumbent LEC or between new LECs for all existing network topologies		
		Desirable Items Sub Total		

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	Attribute	Description	Weight	
	4. Signaling			
GA	A. New Messages/Content	Describe any new or unique service provider identifier and/or routing number		
	B. Terminating Switch ID	Describe new or unique identifier to identify the terminating switch		
	C. New Signaling Values	Describe new signaling parameters or values to avoid multiple queries and/or ensure proper routing (Would require standards work of North American Number Plan agreement/conformance by all carriers)		
				SCORE
	D. Capacity Impact	State the impact of your architecture on the signaling network in a typical area containing 50 switches, assuming 100,000 ported numbers out of 5,000,000. Assume an average of 1.65 Busy Hour Originating Calls per station, 1.40 Busy Hour Terminating Calls per Station, and .4 Busy Hour Intraffoce calls per station.		
	E. New Standards.	Describe new Standards Required-List to be submitted to Standards bodies		
GA	F. GTT	Describe method to avoid 10-digit Global Title Translations in the STP. If 10 digit GTTs are used, describe offsetting benefits for both the LNP query and the TCAP messaging (e.g. for operator services)		
	G. Operator Services System	Describe any changes needed to current end office-to-TOPS or TOPS-to-EO/TDM signaling methodology Describe any changes needed to current end office-to-OSPS or OSPS-to-EO/TDM signaling methodology		
	1. TOPS			
	2. OSPS			
	3. -----			
	H. 911/E911 System. Interface Impact	Describe signaling resources & type required		
	I. DA System. Interface Impact	Describe signaling resources & type required		
	J. Billing Interface Impact	Describe signaling resources & type required		

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GEORGIA LNP Framework

	Attribute	Description	Weight	
	K. Signaling Requirements			
	4. Signaling (cont'd)			
	1. SS7 Interoffice Signaling	Requires SS7 signaling between originating, intermediate, and/or terminating switches		
	2. MF Interoffice Signaling	Allows MF signaling between originating, intermediate, and/or terminating switches		
	L. Error Handling	Properly handles errors & recovers gracefully (including looping errors) Describe capabilities		
		Desirable Items Sub Total		
	5. Performance			SCORE
GA	A. Call set-Up/Post Dial Delay	State impact on call set-up time & post dial delay for calls to ported and non ported numbers		
GA	B. Transmission Quality	State impact on Transmission quality (ported & non-ported numbers)		
GA	C. Blocking	Describe impact upon Call Completion Rate (ported & non-ported numbers)		
GA	D. Network Reliability Impact	Describe impact when LNP database is unavailable or overloaded (ported & non-ported numbers) Describe any other network reliability impacts.		
	Methods of Limiting Queries			
GA	E. Prevents "Looping"	Describe method to prevent the possibility of multiple trunk seizures due to a looping condition		
GA	F. Limits Queries on Intraoffice Calls	Describe methods to avoid queries on every intraoffice call		
GA	G. Limits Queries on Interoffice Calls	Describe methods to avoid queries on every interoffice call (originating, intermediate, or terminating) If solution includes "Lookahead", "Release to Pivot", or other such methods, describe.		
	H. Avoids Redundant Queries	Offers a method to avoid multiple database queries on the same call. For instance, querying multiple times in the network to reach the appropriate terminating subscriber		

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GEORGIA LNP Framework

Attribute	Description	Weight	
5. Performance (cont'd)			
I. Network Management	Provides ability to identify and enable required network management actions, such as call gapping: A. On an entire switch, including ported numbers B. On a specific ported number		
J. Government Mandates	Solution must support essential services and National Security Emergency Preparedness Solution must support law enforcement and wire tap legislation Sub Total		
6. Service Interactions	Transparency to the end user is essential. There should be no loss of functionality, quality, or access to services caused by the implementation of a number portability solution. Examples include the following: call setup time should be minimally impacted; users should see the dialed number when it is necessary to identify the called or calling number (such as on bills and for Caller ID); access to 911, E911, telephone relay service, information, and other services should remain available. Exceptions will be considered on a case by case basis, but the intent is all features shall continue to function properly.		
A. ANI Based Features	Describe any feature interactions or impacts		
B. Switch Features	Describe any feature interactions or impacts		
C. ISDN Features	Describe any feature interactions or impacts		
D. Messaging Services	Describe any feature interactions or impacts		
E. Telephone Relay Services (TRS)	Describe any feature interactions or impacts		
F. Vertical Services	Describe any feature interactions or impacts		
G. Full Equal Access/Multiple PIC	Ability to support/pass information necessary to permit multiple PIC scenarios - transparent to end user.		
H. Abbr. Dialing Methodologies	Describe any feature interactions or impacts		

GEORGIA LNP Framework

Attribute		Description	Weight	
	6. Service Interactions (cont'd)			
	I. AC/AR	Automatic Callback Calling and Automatic Recall shall function properly, including:		
		1. AC/AR to an on hook subscriber		
		2. AC/AR to an off hook subscriber		
	J. Screening List Editing	1. Incoming call screening tables shall function properly on calls from ported numbers		
		2. TCAP messages for establishing Screen List Entries shall function properly on ported number entries		
	K. Caller ID and Privacy	The caller ID shall function normally. This shall include passing the proper calling number information and privacy indicators. Caller ID will display the public number, and block display when the privacy indicator is set		
	L. Caller ID w/Name	1. The proper calling name shall be displayed 2. The correct name database shall be accessed 3. The service shall interwork with both TR-1188 and AIN CNAM databases		
	M. Call Forwarding	1. The proper calling number fields shall be passed under a call forwarding condition 2. Call forwarding shall be allowed to intraoffice DN's which are ported in or out of the office		
	N. Calls to Ported Service Access Codes Numbers (500, 800, 900 etc.)	1. This solution shall accommodate calls to ported SAC numbers. 2. Mandated call set-up times shall not be compromised		
	O. ISDN Circuit Switched Voice	1. The proper public calling number shall be presented to an ISDN set in the display text information element		
		2. The proper public calling or billing number shall be presented to an ISDN BRI/PRI in the calling party number/billing number information element		
		3. The proper redirecting number shall be presented to an ISDN set in the redirecting number information element		

GEORGIA LNP Framework

	Attribute	Description	Weight	
	6. Service Interactions (cont'd)			
	P. ISDN Circuit-Switched Data	Calls to and from ported ISDN data lines using NANP addresses shall be routed and billed properly		
	Q. ISDN Packet Data	Calls to and from ported packet data lines using NANP E.164 addresses shall be routed and billed properly		
	R. Network Voice Messaging	1. Calls to ported network mailboxes shall be forwarded properly for mail systems using the Redirecting Number		
		2. Calls to ported network mailboxes shall be forwarded properly for mail systems using the Original Called Number		
		3. The message waiting indication shall be properly provided for ported number when using network voice messaging		
		4. Calls to network mailboxes must interact properly with Simplified Message Desk Interface		
	S. Customer Originated Trace	Implementation of number portability shall not affect customers' use of this feature		
	T. Selective Call Acceptance	Implementation of number portability shall not affect customers' use of this feature		
	U. Selective Call Rejection	Implementation of number portability shall not affect customers' use of this feature		
	V. Customer Originated Service Order Activation/Deactivation	Implementation of number portability shall not affect customers' use of this feature		
GA	W. "RingMaster"	Implementation of number portability shall not affect customers' use of this feature		
GA	X. Mass Calling Number	Describe impact on Mass Calling Number.		
GA		Describe impact on Automatic Meter Reading		

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	Attribute	Description	Weight	
	Y. Automatic Meter Reading Z. Other	Identify any additional known service interaction impacts Sub Total		
	7. Operator Services A. Busy Line Verification	An operator must be capable of accessing a busy ported number line		
GA	B. 3rd Party Billing	--- Describe how LIDB functions are performed		
GA	C. Calling Card	--- Describe how LIDB functions are performed		
	D. Collect Calls	Collect calls must be handled properly		
	E. Call Trace	1. The operator must be able to identify the originating entity and telephone number for emergency call traces 2. The operator must be able to activate the trace key to generate an OSPS/TOPS office printout indicating, at minimum, defective originating office, trunk group, and originating telephone number		
	F. Coin - Local & Toll (including Hotel/Motel - T&C)	Proper coin routing and control shall be provided when the terminating number has been ported		
	G. Branded DA Capability	Provide capability to uniquely identify service provider - branding.		
GA	H. Directory Assistance Call Completion	Describe the impact to DA Call Completion service. Desirable Items Sub Total		
GA	**8. 911/E911 Impact**	Calls to 911 shall be routed to the proper PAP. The proper number/address shall be displayed on 911 systems that utilize the billing number and on systems that utilize the calling number. Call control must be retained by PSAP. (See attached for Georgia information on 911/E911). State the impact on call set-up time and post dial delay for calls from ported and non-ported numbers to 911. Describe the impact upon call completion rate from ported and non-ported numbers to 911. Describe any additional functionality required at the E911/911 PSAP, E911/911 ALI databases and/or the E911/911 tandem.		

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	Attribute	Description	Weight	
		Call backs from the PSAP shall be routed to the proper subscriber. Describe how your solution performs this function		
GA	**9. DA Features Supported**	Describe impacts on DA service, e.g. DA database structure and content for each type of number portability.		
GA	**10. Rating and Billing** A. Transparency	Customers shall perceive no difference when a number is ported		
GA	B. AMA Recording	Provides capability of recording AMA at the appropriate switching points. Comply w/Bellcore specs. GR-1100-CORE - Billing Format Requirements and Section 8.1 of the LSSGR (TR-NWT-000508) Identify additional information required and any impacts to current AMA structures Identify calls requiring new AMA structures. The billable entity must always be correctly identified.		
	C. LERG Impact	The LERG can continue to be used for rating purposes without change		
	D. Sent Collect	Messages billed out-of-state can be forwarded to the proper billing center		
	E. 800 Calls from Ported Numbers	1. 800 calls from ported numbers shall be routed based on the resident switch NPA/NXX 2. 800 calls from ported numbers shall be rated based on the originating switch NPA/NXX		
	F. Directory Assistance Call Completion	1. DA Call Completion Systems shall properly rate and bill calls to ported numbers 2. The DA system shall be able to determine, rate, and bill calls from ported numbers		
	G. Access Records	Provides the ability to generate accurate access recordings		
GA	H. Call Rating	Solution should identify any additional issues of call rating		
	I. 10 Digit Number Recording	Describe capability to record a 10-digit number with its appropriate NPA. Requires that two NPAs with the same NXX be supported in one switch Rating and billing to the user must be transparent		
GA	J. Carrier Identification	Number portability should not inhibit carrier identification and end customer billing		
GA	K. CMDS Message Clearing	Describe impact on CMDS, message accounting, and data exchange.		

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	Attribute	Description	Weight	
		Desirable Items Sub Total		
	11. Operations Support Systems Impact			
	A. Ordering	Describe the impact on current service ordering support systems		
??	B. Provisioning (e.g. COSMOS)	Describe the impact on current service provisioning support systems		
GA	C. Maintenance (e.g. Repair Bureau)	Describe the impact on current service maintenance support systems		
GA	D. Service Testing (e.g. MLT)	Describe the impact on current service testing support systems		
GA	E. Service Billing (e.g. CRIS)	Describe the impact on current service billing support systems		
GA	F. Network Management	Describe the impact on current network management support systems		
		Desirable Items Sub Total		
	12. Switch Impact			
	A. DMS 10	Describe impact on switch software and hardware		
	DMS 100			
GA	DMS 200			
	DMS 250			
	DMS 500			
	B. GTD5			
	C. Siemens			
	D. 5ESS			
GA	5E: Tandem			
	4ESS			
	1AESS			
	E. Ericsson			

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	Attribute	Description	Weight	
	12. Switch Impact (cont'd)			
	F. Non-Conforming Switches			
	G. TOPS/OSPS Enhancements	Requires minimal impact on TOPS/OSPS system		
		Desirable Items Sub Total		
	13. AIN/IN Impact			
	A. Performance Impact	Describe impact on performance of AIN system - including databases and links		
	B AIN Services Impact	Describe impact on AIN services		
		Desirable Items Sub Total		
	14. Application/Expandability			SCORE
GA	A. Service Provider	Describe how your solution is capable of providing service provider portability		
GA	B. Location (Wire center, NPA, LATA, State, etc.)	Describe how your solution is migratable to location portability.		
	C. Service	Is solution capable of providing service portability? Describe how		
		Desirable Items Sub Total		
	15. Impact on N.A. Numbering Plan			
	A. Number Conservation/Utilization/Efficiency	The number portability solution should not unduly accelerate the depletion of the numbering resource. Ideally, the number portability solution should conserve the North American Numbering Plan (NANP). What number resources are used? How are number resources conserved?		
		How many competitors does your solution support? Describe.		
	B. Administration	Describe impact on numbering plan administration		

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	Attribute	Description	Weight	
	15. Impact on NANP (cont'd)			
GA	C. NPA Relief Plans	Describe impact on: Overlays NPA Splits Mass Changes, e.g., NPA Boundary Change Desirable Items Sub Total		
	16. Administration			
D	~~A. User Friendly~~	Not applicable		
D	~~B. Security~~	Not applicable		
				SCORE
D	~~C. Graceful Software Updating~~	Not applicable	Deleted	
GA	C. Database Update	Describe the capability of this solution to provide service continuity when LNP system is being updated		
	D. Switch Translations			
	1. Impact	Describe impact on switch translations for ported to, ported from and non-participating switches		
	2. Recent Change Impact	Describe impact on switch recent changes		
GA	3. Trigger Administration	Describe impacts on trigger provisioning and administration		
GA	4. Trunk group administration	Describe impact on trunk group administration		
GA	E. Fraud Impacts	Describe impacts on fraud		

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GEORGIA LNP Framework

	Attribute	Description	Weight	
		Desirable Items Sub Total		
	17. Patents/Licensing/Copyrights Impact	Identify any patents, patents pending, anticipated licensing copyrights, fees, etc., which may be associated with this solution The solution should allow for open competition in the vendor community. Any architecture or approach should be part of the open public domain, free of any licensing fees.		
[1]	**18. Impact on NA Numbering Plan - Cellular**	Specific Service Providers Numbers (e.g., TLDNs, test numbers) annot be placed within a number portability pool due to their impacts on current Cellular Operations.		
	A. Internal Routing Numbers	Numbers utilized strictly for internal call routing within cellular environments.		
GA	1. Dynamic Allocation for Call Delivery	How does your number portability solution preserve pools of numbers referred to as TLDNs commonly used for call delivery while autoroaming?		
GA	2. Test Numbers	How are the specific test number ranges that have been set aside to be used only for testing both internally or externally affected by your proposed solution? An example is nationwide autoroaming tests		
	B. Special Corporate Account Numbers	Many Corporations require complete ranges from specific NXX's for their internal accounts with Cellular providers		
GA	1. Special services for 100s groups	Some services are uniquely defined within a specific quantity of numbers. Describe any effect that your proposal would have on non-ported numbers within such group.		
	2. Consecutive Numbers	Some services are uniquely defined within a consecutive range of numbers. Describe any effect that your proposal would have on non-ported numbers within such consecutive rnages.		
		Desirable Items Sub Total		
GA	**19. HLR/SCP/MSC/STP**	Network elements currently used in the Wireless Environment.		
G	A. Performance 1. Capacity	Describe impact on STP capacity if STP GTT is used. Current SS7 Infrastructures are designed never to exceed their capacity, should increased load occur the addition of NP		

[1] GA in sections 18 - 22 are changes based on the California Framework of 9/25/95

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GEORGIA LNP Framework

	Attribute	Description	Weight	
A		then current SS7 infrastructures will need to be expanded. State the impact of your architecture on the signaling network in a typical area containing 12 MSCs, 6 HLRs, assuming 20,000 ported numbers out of 1,5000,000. Assume average 1.65 Busy Hour Originating Calls per station, 1.40 Busy Hour Terminating Calls per station, and 0.4 Busy Hour Intraoffice calls per station Describe impact on MSC if MSC GTT is used. Describe capacity impacts on HLR/SCP.		
	2. Processor load	Describe the percentage increase in processor loads for each element.		
	3. Processor utilization	Describe the impact on Processor utilization, including transactions per second, due to the increased processing time per call resulting from NP database dips or 10 digit GTT (if implemented).		
G A	4. Call setup/post dial delay	State impact on call setup time and post dial delay for calls to ported and non-ported numbers with and without ISUP		
G A	B. Signaling protocol requirements 1. Protocol impacts	Describe changes needed to the following signaling protocol implementations: 1. Wireless Intelligent Network (WIN) (proposed) 2. AIN 0.1 3. IS-41 MAP (include Auto Code Gapping or ACG requirements, if any) 4. IS 652 (GSM MAP) 5. ISUP		
	2. Compatibility	1. Address vendor inter-operation compatibility under such scenarios 2. Describe impact on Translation Type = 3 (MIN to HLR) and TT = 10 (for GSM based network). Describe any new internetwork TT that may be required. Describe impact on existing TTs.		
	3. Methods of Limiting Queries and preventing Looping	The proposal should describe how to: 1. Prevent multiple queries to the NP database 2. Limit total number of queries in a wireless environment 3. Prevent looping conditions both in messaging and trunking 4. Detect and Alert on both trunk and message looping		
	4. Triggering	Describe triggering methods in the wireless environment		

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GEORGIA LNP Framework

	Attribute	Description	Weight	
		Originating Intermediate Terminating Describe triggering method interactions with IS-41 messaging/IS-652. Address triggering in the context of the WIN model and the AIN model.		
	19. HLR/SCP/MSC (cont'd)		1	SCORE
	5. HLR Subscriber Connection Status .	Is there a need to differentiate between a "Not Connected" and "Not in Service" subscriber status? Discuss what method might be established.		
	C. MSC mobile station analysis table	Existing methods for updating the mobile station analysis tables will need to be enhanced with NP. Please explain the impact on the mobile station analysis table with single subscriptions (Refer to the following: Impacts, Size, Addressing, Limitations, Functionality, etc.)		
	D. Call routing, translation, architecture, and call flow	Provide architecture and call flow diagrams for all call scenarios that might be impacted by NP. The discussion must include, but not necessarily be limited to the following scenarios: Registration/Validation of a mobile subscriber whose number belongs to a ported or a non-ported NPA-NXX block Wireless mobile originated to a land-line number belong to a ported or a non-ported NPA-NXX block. Call Delivery to a wireless mobile subscriber belonging to a ported or a non-ported number block: 1. When the mobile is registered in the Home MSC. 2. When the mobile is registered in the Visited MSC (call delivery using TLDN). Please explain the impact on existing routing and translation functionality. Additionally, in the context of message flow, discuss SCCP vs. MTP routing as is relates to HLR/SCP redundant DBs.		
	19. HLR/SCP/MSC (cont'd)		1	SCORE
	E. Impact on CMRS (Commercial Mobile Radio Services) switches 1. Motorola 2. AT&T	Describe impact on switch hardware & software		

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	Attribute	Description	Weight	
	3. Ericsson 4 Hughes 5. Nortel			
GA	F. VLR	How might your solution affect the functionality and integrity of the VLR? Desirable Items Sub Total		
G A	**20. Cellular Nationwide Roaming/Technical considerations**	Cellular Nationwide Roaming allows subscribers to autoroaming across the nation, while utilizing most of the same services available in their home market	1	SCORE
	A. Protocols/Network Topology	Is IS-41/IS-652 protocol change necessary for processing queries to the NP database? Describe how your proposal accommodates Registration/Validation process and minimizes impacts on node functionality.		
	B. Network address	Describe how your proposal addresses the need for nationwide wireless networks to be updates with all NP network addresses, such as logical address of switches, PC/SSN of NP databases, HLRs, STPs, and MSCs.		
	C. Interconnection points	Describe any changes proposed to current SS7 interconnection between nationwide seamless roaming networks. Include STP screening and internetwork TI requirements as examples.		
	D. Redundancy/backup systems	Complete redundant and backup systems are required for NP to create stability for all carriers. Describe how this requirements is met in your proposal		
	E. Development of test procedures	New test procedures will need to be developed for NP, because existing autoroaming functionality will require modifications. Describe your test procedures.		
	F. Troubleshooting	Quick and efficient troubleshooting is a key to providing quality service for customers, which must be maintained with the addition of number portability. Describe how your proposal will satisfy this requirements		
	G. Impact on Dip Incapable systems	Some systems may not be capable of Dip queries, which could hinder cellular autoroaming functions in those markets. How can this limitation be addressed?		
	H. Cellular End User Impacts	Concerns on the ability to autoroam and the use of services/features on the home market		

GA = Georgia Addition or change. Sections 1 - 17 and 23 - 25 are based on IL Framework of 9/08/95. Sections 18 - 22 are based on CA Framework of 9/25/95

GEORGIA LNP Framework

	Attribute	Description	Weight	
		Desirable Items Sub Total		
GA	**21. Fraud Impacts - Wireless**	Fraudulent Activity must not be added or encouraged in any way with the addition of NP.		
	A. General	The administration of ownership for ported numbers must not encourage fraud		
	B. Administration - Wireless	The administration of the ownership of the ported number must be done in such a way that the number is not available for use until a complete porting is completed. This latency period would be a variable determined by the owner of the number and within the constraints of minimum provisioning cycle. Discuss this issue in your proposal.		
		The ported-from and the ported-to carriers must be provided a mechanism to synchronize the NP updating functions. Please discuss		
		What are the possible fraud scenarios related to NP administration and how are these addressed in your proposal.		
	C. Responsibility			
	1. Actions to be taken	Describe actions to prevent fraudulent activity that should be established prior to the implementation of your proposed solution for NP.		
	D. Cost/Revenue Loss	Describe how cost/revenue Loss due to fraudulent activity is not aided by your solution.		
		Desirable Items Sub Total		
GA	**22. Rating and Billing - Wireless**	Rating and billing will be impacted by number portability.		
	A. Market Impact	Rating and billing modifications may have great impacts on all markets current post processing methods		
	1. AMA Recording	Provides capability of recording AMA at the appropriate switching points. Describe any impacts on existing formats.		
	2. LERG/Ciber Impacts	Can LERG/Ciber continue to be used for rating purposes without change and how? How might Ciber records for wireless be impacted?		

GA Georgia Addition or change. Sections 1 - 17 and 23 - 25 are based on IL Framework of 9/08/95. Sections 18 - 22 are based on CA Framework of 9/25/95

GEORGIA LNP Framework

	Attribute	Description	Weight	
	22. Rating and Billing - Wireless (cont'd)			SCORE
	4 Settlement Process	If NP traffic for cellular carriers in it's initial stages does not warrant the economies of purchasing their own LNP, then a settlement process needs to be considered between the wireline and cellular carriers for queries to the wireline LNG's A method must be defined to collect the number of query records for LNP Dips		
G A	**23. Costs**	Provide a compilation of affected network elements, systems and processes (e.g., translations) for wireline or wireless and the impact anticipated. Identify the required functionalities or capabilities needed for each network element, system, or process to support your solution based on current network interconnection and operational arrangements. Provide the above requested information for the fully operational solution as well as any interim solutions.		
G A	**24. Implementation Time Frame**	Identify the date that your fully operational solution will be available with detail by network element to the extent possible. Identify any interim measures that your solution supports, with the respective availability dates and impacts on timing or costs to the fully functional solution. If necessary, due to FCC mandates, how would your		

GEORGIA LNP Framework

	Attribute	Description	Weight	
		solution migrate to each of the following solutions: - Carrier Portability Code (CPC) - Location Routing Number (LRN)/Network Routing Address (NRA) - Local Area Number Portability (LANP), a.k.a. Split Domain - GTE Non-Geographic Virtual Number a.k.a. One Number Change		
G A	**25. SMS Interactions**	Describe how the solution will interface with the appropriate Service Management System		
		Desirable Items Sub Total		
		Total - All Categories	XXXX X	

GA - Georgia Addition or change Sections 1 - 17 and 23 - 25 are based on IL Framework of 9/08/95 Sections 18 - 22 are based on CA Framework of 9/25/95

PART 4

EMERGENCY TELEPHONE NUMBER "911" SYSTEM

RESEARCH REFERENCES

C.J.S. — 86 C.J.S. Telegraphs, Telephones, Radio, and Television, § 74.

46-5-120. Short title.

This part shall be known and may be cited as the "Georgia Emergency Telephone Number '911' Service Act of 1977." (Ga. L. 1977, p. 1040, § 1.)

46-5-121. Legislative intent.

The General Assembly finds and declares that it is in the public interest to shorten the time required for a citizen to request and receive emergency aid. There currently exist numerous different emergency phone numbers throughout the state. Provision for a single, primary three-digit emergency number through which emergency services can be quickly and efficiently obtained would provide a significant contribution to law enforcement and other public service efforts by making it easier to notify public safety personnel. Such a simplified means of procuring emergency services will result in the saving of lives, a reduction in the destruction of property, and quicker apprehension of criminals. It is the intent of the General Assembly to establish and implement a cohesive state-wide emergency telephone number "911" system which will provide citizens with rapid, direct access to public safety agencies by dialing telephone number "911" with the objective of reducing the response time to situations requiring law enforcement, fire, medical, rescue, and other emergency services. (Ga. L. 1977, p. 1040, § 2.)

Cross references. — As to provision of emergency medical services, see Ch. 11, T. 31.

46-5-122. Definitions.

As used in this part, the term:

(1) "Division" means the Telecommunications Division of the Department of Administrative Services.

(2) "Local government" means any city, county, or political subdivision of Georgia and its agencies.

(3) "Public agency" means the state and any city, county, city and county, municipal corporation, chartered organization, public district, or public authority located in whole or in part within this state which provides or has authority to provide fire fighting, law enforcement, ambulance, medical, or other emergency services.

(4) "Public safety agency" means a functional division of a public agency which provides fire fighting, law enforcement, emergency medical, suicide prevention, civil defense, poison control, or other emergency services. (Ga. L. 1977, p. 1040, § 3.)

46-5-123. Creation of Emergency Telephone Number Committee; selection of members; filling of vacancies.

(a) For the purposes of the development and implementation of a plan for the state-wide emergency telephone number "911" system, there is created the Emergency Telephone Number Committee to be composed of the director of the Telecommunications Division of the Department of Administrative Services, who shall serve as chairman, the commissioner of community affairs or his designee, and ten other members appointed by the Governor, as follows:

(1) Three members appointed from nominees of the Georgia Municipal Association;

(2) Three members appointed from nominees of the Association County Commissioners of Georgia, and

(3) Four members who are experienced in emergency telephone systems.

(b) When appointments are made, the associations making nominations pursuant to this Code section shall submit at least three times as many nominees as positions to be filled at that time by nominees of the association.

(c) The appointed members of the committee shall serve at the pleasure of the Governor. Vacancies shall be filled in the same manner as the original appointment. (Ga. L. 1977, p. 1040, § 4.)

46-5-124. Plan for implementing state-wide emergency telephone number "911" system.

(a) The division shall develop a plan for implementing a state-wide emergency telephone number "911" system. The plan shall provide for:

(1) The review and analysis of progress maintained by public agencies in developing emergency telephone communication requirements as required for the "911" system;

(2) Steps of action necessary for public agencies to effect the necessary coordination, regulation, and development preliminary to a "911" system that will incorporate the requirements of each public service agency in each local government of Georgia;

(3) Identification of mutual aid agreements necessary to effect the "911" system, including coordination on behalf of the State of Georgia with any federal agency to secure financial assistance or other desirable activities in connection with the receipt of funding that may be provided to communities for the planning, development, or implementation of the "911" system;

(4) The coordination necessary between local governments planning or developing a "911" system and other state agencies, the Public Service Commission, all affected utility and telephone companies, and other agencies

(5) A firm implementation schedule which will account for the progress achieved in each political subdivision and which can be reproduced in an annual report of progress, and

(6) The establishment of emergency telephone communications necessary to meet the requirements for each local government, including law enforcement, firefighting, medical, suicide prevention, rescue, or other emergency services.

(b) The division shall be responsible for encouraging and promoting the planning, development, and implementation of each local "911" system plan The division shall promulgate any necessary rules, regulations, and schedules related to public agencies for implementing and coordinating such a plan and shall act as the deciding agency whenever disputes arise or agreements cannot be reached between the local political jurisdiction and other public agencies involving the "911" system. (Ga. L. 1977, p. 1040, § 1.)

Code commission note. — The plan was submitted to the committee for its review on October 29, 1979. A meeting of the committee was held November 19, 1979, at which time the plan and the effective date were approved. The plan became effective on December 1, 1979.

46-5-125. Formation of multijurisdictional and regional "911" systems.

Nothing in this part shall be construed to prohibit or discourage the formation of multijurisdictional or regional "911" systems, and any sys-